

**SKIN EXTERNAL PREPARATION AND ITS PRODUCTION**

**Patent number:** JP8143442  
**Publication date:** 1996-06-04  
**Inventor:** MATSUURA MASARU; OBATA AKIO; SASAKI  
ATSUSHI  
**Applicant:** KIKKOMAN CORP  
**Classification:**  
- international: A61K7/48; A61K7/00; A61K35/78  
- european:  
**Application number:** JP19940305697 19941116  
**Priority number(s):**

**Abstract of JP8143442**

**PURPOSE:** To obtain a skin external preparation for preventing chapped skin and preventing and treating hand eczema, sore and itching caused by dermatophytosis, blended with an extracted solution of soybeans with water.

**CONSTITUTION:** This skin external preparation is mixed with an immersed solution obtained by immersing whole soybeans, peeled soybeans or de-fatted soybeans in water, whey prepared as by-product in producing separated soybean protein or a filtrate obtained in filtering soybean milk by an ultrafilter as an active ingredient. For example, the immersed solution is obtained by immersing whole soybeans, peeled soybeans or de-fatted soybeans in water at 5-100 deg.C for 5 minutes to 20 hours and then removing the soybeans. The immersed solution is used as it is or concentrated and mixed with various bases, perfumes and colorants to prepare the objective skin external preparation. The extracted solution is adjusted to 1-10% soluble saccharide content. The determination of the soluble saccharide content is carried out by adjusting the extracted solution to pH 4.5 with hydrochloric acid, precipitating protein, centrifuging and obtaining the concentration of saccharide of the supernatant liquid as an amount of glucose by phenol-sulfuric acid method.

---

Data supplied from the esp@cenet database - Patent Abstracts of Japan